



Central Michigan Amateur Radio Club
 Lansing Civil Defense Repeater Association
 P O BOX 27321
 LANSING MI 48909

The Scope

Set/Oct 2003



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2003 CMARC Elections

And

Christmas Party!!

Friday, December 5, 2003
7:30 p.m.

Hamfests for December

Dec 7

L'Anse Creuse ARC

<http://www.n8lc.org>

Contact: David Herrington,
N8NLK

165 Crocker Blvd.

Mt. Clemens, MI 48043-2546

Phone: 586-465-2797

Email: n8nlk@arrl.net

Bring a dish to pass along
with your favorite drinks!

Also bring your nominations
for the 2004 CMARC Board
Members

CMARC BOARD MEMBER CONTACT INFORMATION

"Bruce" Rainey	KC8ODP	(517) 627-9118	kc8odp@arrl.net	President
Tom Shaver	KC8NJK	(517) 651-6694	kc8njnk@arrl.net	Vice President
Dick McGuire	KI8C	(517) 782-1430	dickki8c@juno.com	Secretary
Randy Stortz	K8VY	(517) 393-0634	rstortz386@msn.com	Treasurer
Clint Hannahs	KC8EHR	(517) 882-1799	kc8ehr@arrl.net	Director
Gregg Mulder	WB8LZG	(517) 646-6257		Director
Kevin Mulder	KC8QZE	(517) 646-6257		Under 22 Director
John Ingraham	NG8L	(517) 484-8027	ng8l@arrl.net	Membership Chair

LCDRA BOARD MEMBER CONTACT INFORMATION

Dan Harger	W8BCI	(517) 882-8784	w8bci@juno.com
"Bruce" Rainey	KC8ODP	(517) 627-9118	kc8odp@arrl.net
Don Rickerd	W8BQD	(517) 339-8496	
Dennis Boone	KB8ZQZ	(517) 337-0857	drb@msu.edu
Troy Creed	W8TCC	(517) 323-6358	w8tcc@arrl.net
Hal Bell	W8LAY	(517) 484-0962	
Scott Newfer	W8SRN	(517) 373-0786	



Surfin': Powerpoleing Your Power Connections

By Stan Horzempa, WAILOU

Contributing Editor, ARRL

November 28, 2003

***Are dissimilar connectors making power interconnections difficult?
Then, surf the Web to an elegant solution for connector compatibility.***

Kim, KB1GTR, and Steve, KB1DIG, Merrill took advantage of the lull before the holidays to do some experimenting and Amateur Radio-related Web publishing. Their experiments involved Powerpoles, a unique connector for power interconnections.

Their Web publishing reflects the findings of their experiments. It was "almost like taking project notes," Steve wrote, "We hope this information on Powerpoles is useful and everyone enjoys it. This is just our way of giving back to the hobby."

You will find the findings of Kim's and Steve's Powerpole experiments at their Anderson Powerpole Ideas Web site (<http://www.remote.arrl.org/news/features/2003/11/28/1/powerpole-lrg.jpg>), which describes the connectors in detail and provides tips on assembling and using the connectors.

For higher power rigs, high-amperage, dc power supplies, and bus wiring, the Anderson Powerpole is the emerging national ARES/RACES standard. The links on this page include Web sites of some of the ARES groups using these connectors. Be sure to visit those sites for additional useful information regarding Powerpoles.

Also check out the links at the bottom of the Powerpole Ideas page for additional Amateur Radio emergency communications ideas: The Box: Portable Emergency Communications Station Ideas and Go Kit: Daily Emergency Communications Gear Ideas. In fact, poke all around this Web site and you will find lots of amazing and interesting ham radio stuff, some of which we featured back in the February 21 installment of this column. Until next time, keep on Surfin'!

The Amateur Radio Crossword Puzzler

By H. Ward Silver, NOAX
November 29, 2003

"Turnabout Is Fair Play"

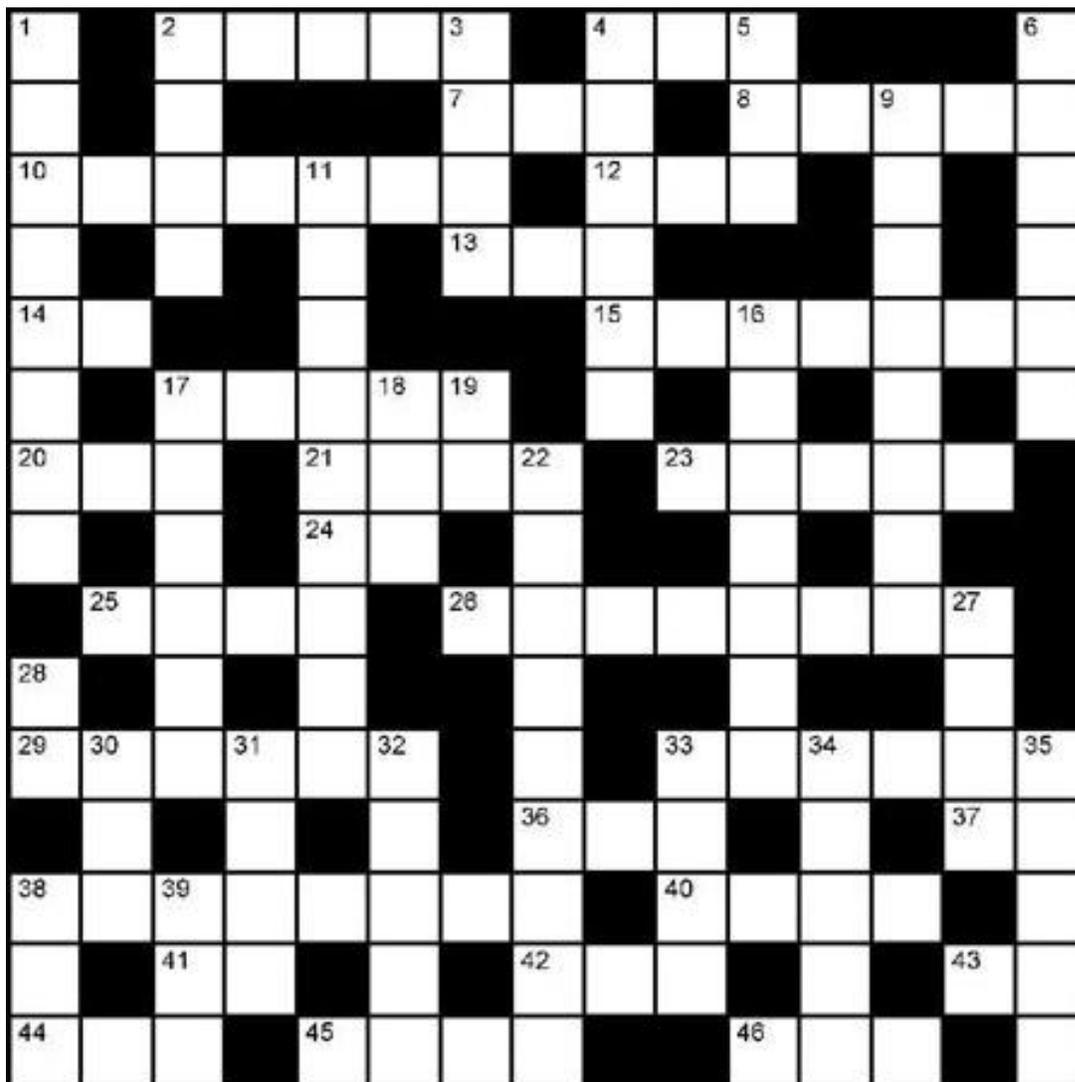
Crossword puzzle fans know that puzzle makers are often fond of, or desperate for, abbreviations and acronyms to flesh out those pesky blank spaces. This time we turn the problem on its head, or rather, your head. The clues are the abbreviations, prosigns, and Q-signals. The solutions are words closely associated with the clue. There are a couple of off-the-wall combos, just to keep you busy!

Across

- 2. HI
- 4. LID
- 7. MD
- 8. OT
- 10. CL
- 12. SK
- 13. HW
- 14. CHK
- 15. Spell
- 17. Mix
- 20. LSN
- 21. Sea GND
- 23. LTR
- 24. QLF (abbr.)
- 25. QSB
- 26. QTC
- 29. QRQ
- 33. QRN
- 36. INT (opp.)
- 37. CC (volume)
- 38. QTH
- 40. K
- 41. Where U R
- 42. Officer
- 43. Connected to NA
- 44. Pale
- 45. KN
- 46. Sum

Down

- 1. QSL
- 2. Round ANT
- 3. QRO
- 4. QRS
- 5. Not VOX
- 6. Make
- 9. QST
- 11. QRM
- 16. QSO
- 17. What BK does
- 18. QNI



- 19. From
- 22. QRG
- 27. WFWL
- 28. Paired with RF
- 30. Much ABT NIL
- 31. TT
- 32. Rule
- 33. QRT
- 34. GA
- 35. Good WX
- 38. QRP
- 39. Headphone

**Do You Think You Know Almost
Everything? (Part III)**
Check this out!

1. *The average person's left hand does 56% of the typing*
2. *The Bible does not say there were three wise men; it only says there were three gifts.*
3. *The cruise liner, QE2, moves only six inches for each gallon of diesel that it burns.*
4. *The microwave was invented after a researcher walked by a radar tube and a chocolate bar melted in his pocket.*
5. *The sentence: "The quick brown fox jumps over the lazy dog" uses every letter of the alphabet.*
6. *The winter of 1932 was so cold that Niagara Falls froze completely solid.*
7. *The words 'race car,' 'kayak,' and 'level' are the same whether they are read left to right or right to left (palindromes).*
8. *There are 293 ways to make change for a dollar.*
9. *There are more chickens than people in the world.*
10. *There are only four words in the English language which end in "dous": tremendous, horrendous, stupendous, and hazardous.*
11. *There are two words in the English language that have all five vowels in order: 'abstemious' and 'facetious'.*
12. *There's no Betty Ruble in the Flintstones Chewable Vitamins.*
13. *Tigers have striped skin, not just striped fur.*
14. *TYPEWRITER is the longest word that can be made using the letters only on one row of the keyboard.*
15. *Winston Churchill was born in a ladies room during a dance.*
16. *Women blink nearly twice as much as men.*
17. *Your stomach has to produce a new layer of mucus every two weeks; otherwise it will digest itself.*

Now You Know Everything!!

Local Nets

ARES/RACES Mondays (except 3rd
Monday)
8:30 pm
146.58 simplex

DTACS Tuesdays
7:00 pm
146.94

Upcoming Presenters At CMARC Meetings

Come on out to the monthly CMARC meetings and check out the great informational presentations that CMARC has to offer. The following list is comprised of tentative presenters for upcoming CMARC Meetings. Presenters begin their presentations at approximately 9:00 pm and last about 30 minutes.

- ☞ **Doug Bates**
Board of Water & Light
Crisis Supervisor
- ☞ **Karen Chadwick**
911 Center Supervisor
Ingham County
- ☞ **Dave Karr**
American Red Cross
Food Distribution Controller
- ☞ **Larry Estlack**
Emergency Alert System Coordinator
State of Michigan
- ☞ **Nancy Lindman**
Michigan 211 Coordinator

For Sale or Not!

Free: TVRO Mesh Dish and 2 receivers.
Contact Scott Rowe,
KB8HTM,
Bath, MI, at 517-641-6201

New Ham Help

MMI Technical Resource—March 5, 2003

Are you a new ham that just does not know how to "ham it up"? Here are some suggestions that might help you out on VHF and UHF repeaters.:

- Do not call "CQ" on FM repeaters.
- Listen to your local repeaters for a while to see what the protocol is for their use.
- Say, "(Your Callsign) monitoring" or "listening" only once. More than that gets annoying to listeners.
- Speak clearly and not too fast.
- Make sure that you or the people you call don't say stupid things over the autopatch.
- ID every 10 minutes and at the end of conversations.
- ID at the beginning and end of autopatches.
- ID at the beginning and end of other activities.
- Only break into others' conversations when you have to. When you do break into others' conversations just say your callsign, not "break".
- Don't use "codes" on FM that are usually used on CW.
- Don't use "10 codes" at all.
- Don't say "over" on FM.
- Don't kerchunk the repeater a whole bunch of times and ID

when you do.

- Don't play songs over the air using your Yaesu portable's musical keypad.
- Don't link two repeaters together using your cross-band radio (trust me).
- Don't over modulate*.
- Don't send MCW** using your DTMF*** pad.
- Most importantly, just be nice, and be yourself.

All these rules might sound harsh, but believe me, they'll help you out alot when you're just starting out in amateur radio (FM communications).

- Over modulating (talking too loud) will cause distortion. This is because your radio's IDC (instantaneous deviation control) kicks in and flat tops any audio signal that tries to peak over a preset level. This is why you can't really over deviate (unless you alter your IDC setting), you just over modulate when you're talking too loud.

** Modulated CW. This is when you send morse code with a tone on AM or FM.

*** Dual Tone Multi-Frequency aka Touch-Tone™.

Submitted by 'Bruce' Rainey, KC8ODP

Central Michigan Amateur Radio Club

Minutes of the Board Meeting October 3, 2003

The meeting was brought to order by club president Bruce Rainey (KC8ODP) at 7:04 p.m.

The following board members were present for the meeting:

Bruce Rainey (KC8ODP) - President
Dick McGuire (K18C) - Secretary
Gregg Mulder (WB8LZG) - Director

In addition, Scott Newfer (W8SRN) and Dan Harger (W8BCI) were there to present an update on Hamfair:

- In the interest of future economy, tickets are being printed without the year.
- At 4 p.m. Friday before Hamfair, Dan Harger will go directly from work to Lakeside Christian School, to get started on the setup.
- Vendors will set up the morning of Hamfair between 5 and 8 a.m.
- CMARC and LCDRA will split both revenue and expenses.
- Randall Stortz (treasurer) will work with Scott Newfer and Dan Harger on Hamfair finances.
- After considerable discussion, we decided that Dan Harger will pick up signs and coffee maker from the radio room. Dick McGuire (K18C) will return both after Hamfair.

There have been no reported marriages, births, deaths, or anniversaries.

There are no known upgrades.

Meeting was adjourned at 7:30.



**CENTRAL MICHIGAN AMATEUR
RADIO CLUB
TREASURER'S REPORT
November 28, 2003**

Account Balances
As of November 28, 2003

ASSETS:

Cash & Bank Accounts

Mich. Nat'l Bank Checking	\$ 778.40
Mark & Marilyn Humphreys' Fund	<u>\$ 445.00</u>
TOTAL Cash & Bank Accounts	\$ 1,223.40

Other Assets:

Comerica Bank \$1,000.00 CD	\$1,515.22
Interest due CMARC	<u>\$ 2.55</u>
CD Total worth to date	\$ 1,517.77
Acct. Rec. Memberships LCDRA	\$40.00
Acct. Rec. Scope Prnt/Send-LCDRA	\$178.38
Acct. Rec. CMARC Share/Hamfair	<u>\$91.63</u>

TOTAL ASSETS \$1,827.78

LIABILITIES: \$0.00

TOTAL NET WORTH: \$ 3,051.18

Income & Expenses
October 28 to November 28, 2003

INCOME:

Dues	\$100.00
Directory sales:	\$4.00
50/50 Drawing proceeds collected	\$00.00
Acct. Rec. Scope Prnt/Send-LCDRA	\$178.38
Acct. Rec. Memberships LCDRA	\$40.00
Acct. Rec. CMARC Share/Hamfair	<u>\$91.63</u>
TOTAL INCOME	\$ 414.

EXPENSES:

Scope Cost for printing & mailing	\$62.18
Bank Checking	<u>\$10.00</u>
TOTAL EXPENSES:	\$72.18

TOTAL NET PROFIT: \$341.83

Respectfully Submitted by:
Randall Stortz, K8VY
Treasurer



From the Editor:

First, I hope everyone enjoyed a wonderful Thanksgiving with family and friends. Doug (KC8UUF) and I had a very nice day with our daughter and her boyfriend.

As some of you may know, or figured out from last month's SCOPE, I finally did it!! I am now a legally licensed ham operator!!! It's been nice to be able to get out on the air and talk without having Doug around every time (no offense, darlin').

With the Holiday season upon us, Doug and I would like to wish everyone a very joyous and happy holiday and a wonderful New Year!!

'Til next year!!

Evelyn Sitterson, KC8YMN

Central Michigan Amateur Radio Club Minutes of the Board Meeting November 7, 2003

The meeting was brought to order by club president Bruce Rainey (KC8ODP) at 7:07 p.m.

The following board members were present for the meeting:

Bruce Rainey (KC8ODP) - President
Randy Stortz (K8VY) - Treasurer
Dick McGuire (KI8C) - Secretary
Gregg Mulder (WB8LZG) - Director
Kevin Mulder (KC8QZE) - Under 22 Director

Also attending were Mike Shanblatt (K8MAS), Don Devendorf (W8EGI), and Dennis Boone (KB8ZQZ).

Mike made a presentation on the licensing classes scheduled to begin in January at MSU. He had flyers to pass out. He tried to do the class last year but had insufficient enrollment. They will need at least 12 students. Class will begin January 17 and will run six Saturdays. Class will start with theory but will also include code. The class has probably graduated 100 people. They are still using ARRL tapes that are about ten years old and need to be replaced. Mike requested that CMARC purchase new tapes.

Mike also announced the establishment of a new scholarship at MSU. Jerry Park (W8QS) was faculty advisor at the MSU club. Jerry and his wife have given an endowment (\$125,000) to establish a scholarship. The recipient must be a licensed radio amateur entering the college of engineering. The scholarship will be subject of an ad in the January issue of QST. The ad will use MSU green and give a 50 percent discount. The amount of scholarship will depend on interest rates but should be at least \$4,000 per year. QST will publish a picture of the scholarship recipient. Mike will pass out flyers to identify candidates. The scholarship is renewable every year, depending on academic performance and club activity. Bruce will post ad in all three web sites.

The last couple of treasurer's reports have reported a positive cash flow. With dues at the start of the new year, and promotions such as Fazoli's, the flow should remain positive. Bruce Rainey will turn in the Fazoli's money after tonight's meeting.

Bruce is asking board consensus that anybody nominated for an office must have paid his or her dues. This is already covered in the bylaws but was not enforced during the last year.

The treasurer should work with a budget committee to establish a new budget.

The Humphreys fund has been inactive. We need to determine good uses. Greg Mulder suggested that purchasing the tapes for the licensing class would be an appropriate use for part of the fund. Board consensus was in favor.

Bruce mention the Scope deadline of 20th of the month for articles.

We should put together a committee for next year's Hamfair as soon as possible.

CMARC has received a letter from Tom Shaver (KC8NJK) resigning as Vice President. Dick McGuire will read the letter at the general meeting.

There have been no reported marriages, deaths, or anniversaries.

The only know upgrade is from Evelyn Sitterson, who got her license (KC8YMN).

Bruce Rainey is at the end of his term on the board and will decline any new nomination,

Meeting was adjourned at 7:32.

Expedition 8 Commander Enjoys First School Group QSO

NEWINGTON, CT, Nov 25, 2003--Expedition 8 Commander Michael Foale, KB5UAC, took the controls of NA1SS aboard the International Space Station early today for his first school group contact. The QSO with youngsters at the Renmark Primary School in South Australia was arranged via the Amateur Radio on the International Space Station (ARISS) program. Foale predicted during his ham radio conversation with the Renmark pupils that humans would colonize the moon.

"People should be living on the moon in another 10 years," Foale told the youngsters, and I hope some of them will be you." Foale and Russian cosmonaut Alex "Sasha" Kaleri, U8MIR, have been aboard the ISS for about one month. Foale said he's already a bit homesick, and he expects that to get worse after the Christmas holiday.



One Renmark student asks her question of Foale while others queue up awaiting their turn at the microphone. A photo of Foale is visible on a projection screen behind them. [Photos courtesy of Doug Tamblyn, VK5GA]

plained.

In response to one youngster who asked what it sounded like in space, Foale remarked that the sound of the air-circulating fans is pervasive. "We hear fans running all the time circulating air," he said.

The British-born Foale, who did a duty tour on the Russian *Mir* spacecraft in 1997, said he has wanted to be an astronaut since the age of six. "People laughed at me when I was a little boy, but I kept thinking about it and studied hard at school and eventually ended up getting to the ISS," he said. Living aboard the space station, however, is "like living in a laboratory" and involves a lot of hard work, he explained.

"One time, we turned off all the fans, and it was *dead quiet*." The fans are necessary because of a lack of convection currents in the spacecraft's microgravity environment. Foale pointed out to the students that the crew could not leave the fans off for very long without risking a dangerous buildup of carbon dioxide.

The selection of food aboard the ISS is good, he said. "I went to boarding school in Britain," Foale quipped, "so I can eat most any food. The food here is better than boarding school."

Foale also noted that he does not get bored in space and always has something to do in his off-time. In addition to e-mailing family and friends, he said he enjoys computer programming and also keeps a journal.

Making the Renmark school group contact possible involved arrangements on two continents. Members of the Riverland Radio Club in Australia assisted at the school, while operators at W6SRJ, the Santa Rosa Junior College Amateur Radio Club station, in California, handled the actual radio link with NA1SS. MCI provided two-way audio teleconferencing for the event. Will Marchant, KC6ROL, moderated the contact from Virginia.

ARISS has scheduled school group contacts with students in Germany, France and Canada. An international project, ARISS has participation and support from ARRL, NASA and AMSAT.

ARRL Web News—Nov 2003



With assistance from Ivan Smith, VK5HS, of the Riverland Radio Club, students at Renmark Primary School question Expedition 8 Commander (and NASA ISS Science Officer) Michael Foale, KB5UAC, at NA1SS.

EMPLOYMENT WANTED

Recent injury and partial disability have left me jobless. I have 20+ years experience in computer repair and commercial satellite communications. I hold Dell and Motorola certifications and have extensive training in most modern test equipment. U.S. NAVY vet. Electronic surveillance and closed circuit TV trained. I would like to find full time employment in the computer, communications, or broadcast industries, however I will consider any and all opportunities for employment.

If you can help in this regard, please call me. Thank You and 73's Gregg Mulder, WB8LZG - 517-646-6257

December 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25 	26	27
28	29	30	31			

Special Items of Interest

* Richard Cole is looking for a housekeeper. Contact him at the next CMARC meeting



December Schedule of Events

- Dec 5 CMARC Meeting
7:30 p.m., Red Cross Building, Lansing
- Dec 8 DTACS Meeting
7:00 p.m., Delta Township Fire Station
- Dec 6 .39ers meet at Nic's
3812 S MLK Blvd
8:00 am
- Dec 10 OOTC (Old Old Timers Club), Flap Jack,
1601 N Waverly Rd
1:00 pm
- Dec 13 .39ers meet at Nic's
3812 S MLK Blvd
8:00 am
- Dec 20 .39ers meet at Nic's
3812 S MLK Blvd
8:00 am
- Dec 15 Lansing ARES/RACES
ICSD, Mason
7:00 pm
- Dec 27 QWCA, Korner Kitchen
Mt Hope & Pennsylvania
8:00 am

December Birthdays

- Dec 11 Russell Fitzgerald, N8FZ
- Dec 12 Michael F. Manning,
N8EUQ
- Dec 13 William Torrence, KC8ALL
- Dec 17 Jack Wiswasser, WA8AIL
- Dec 29 Bob Chaphalker
- Dec 30 Stephen Dible, W8CRH

December Anniversaries

- Dec 2 Larry Nordeen
- Dec 3 Al Sevrey
Pat Sevrey
- Dec 18 Ralph Chapman
- Dec 21 William E Cote
- Dec 27 Charles J Stahl
- Dec 31 'Bruce' Rainey

Address or Email change?

Please make corrections on address label and mail to:

John Ingraham/NG8L, Membership Chairman
2807 Greenbriar Avenue
Lansing, MI 48912

Or email changes to: NG8L@arrl.net

www.qsl.net/cmrc
80 Years of Service to Our Community!
www.qsl.net/lcdra

Central Michigan Amateur Radio Club Minutes of the Meeting (October 3, 2003)

The business meeting was brought to order by club president Bruce Rainey (KC8ODP) at 7:35 p.m.

Members

31 members were present at the meeting.

Visitors

Terry Fox
Ron Harger (WD8BCS)
Bob Britton
Ed Poling

Upgrades and New Licenses

None

Old Business

Minutes were accepted as published. Moved by Don Cote (KD8BD) and seconded by Mike Rhew (KC8DBP).

Treasurer's report was accepted as published. Moved by Mike Rhew (KC9DBP) and seconded by Dan Harger (W8BCI).

There were no officer or director reports.

John Ingraham (NG8L) reported 123 paid members, including 45 female members.

Dan Harger (W8BCI) reported on Hamfair:

1. Hamfair will have more vendors than last year.
2. Mainly, Dan needs volunteers to show up as promised.
3. Dan has advance tickets at \$4 each.
4. In response to a request from Scott Newfer (W8SRN) we are an ARRL-approved hamfest.
5. In addition to a nice letter in reply, ARRL has sent prizes.
6. Tickets will be \$4 in advance and \$5 at the door. Tables are \$8 in advance and \$10 at the

door. Trunk sales will be \$4 in advance and \$5 at the door.

7. Hamfair will be October 11 at Lakeside Christian School. The is the same place as last year. Information is in the Scope.
8. Scott Newfer sent out 392 cards with map on one side and an application on the other.
9. South Church of the Nazarene is allowing free use of 13 tables.
10. Scott will be there at 5 a.m. on the day of the hamfest.
11. Dan will take two coffee pots, one for regular and one for decaf, and will also have donuts available.
12. Ticket sales at the hamfest will begin at 8 a.m., when the doors open to the public.
13. We aren't going to worry about one or two sneaking in ahead of time. This is a hamfest; let's have fun.
14. Vendors have donated prizes in the past.
15. Joe Denomme (N8VYS) will have an exam group to do VE testing. Persons who are there for testing do not have to buy a ticket; this is an ARRL requirement for hamfest approval.

New Business

Bruce Rainey (KC8ODP) read a letter from Debbie Kirkbride (KA8YKK), congratulating Evelyn Sitterson for taking third place in the newsletter competition. Dale Williams will present an award to the club at the State Convention Dinner Banquet in Holland (MI) on October 31st. The letter asked if a club member could be there to accept the award. The club voted to pay dinner and transportation for Evelyn and Doug. Moved by Don Cote (KD8BD) and seconded by Mike Rhew (KC8DBP).

Evelyn apologized for the problem in

distributing the latest Scope by mail. There were available at the October 3 meeting.

When club CDs become due, the "Dons" will consider whether to convert them and, if so, how.

Announcements

Bruce Rainey (KC8ODP) announced that the son of Don Tiltson (WB8NUS) has been involved in a slow-speed, head-on collision. The accident involved vehicle damage but no serious injuries.

Bruce announced a correction in the terms of the Fazoli promotion. Gift certificates are \$5 for the same value; the club then gets \$1. Bruce picked up 75 tickets and has commitments for 52 of them. Promotions such as this and 50/50 will help club solvency and enable awards such as the one for Doug and Evelyn.

Jamboree on the Air (JOTA) will be October 18th.

The 50/50 drawing was won by Don Rickert (W8BQD).

Meeting adjourned at approximately 8:30 p.m.



Central Michigan Amateur Radio Club Minutes of the Meeting (November 7, 2003)

The business meeting was brought to order by club president Bruce Rainey (KC8ODP) at 7:38 p.m.

Members

23 members were present at the meeting.

Visitors

Mary Tillitson
Stephen H. Smith, WA8LMF/6
Rick Klingensmith, WA8TUU

Upgrades and New Licenses

Roger Barnhill, AB8RX (ex KD4NDK), upgraded to Extra.
Evelyn Sitterson, KC8YMN, passed her Technician exam at Hamfair.

Old Business

Minutes were delivered at The Scope too late for publication, so they had to be printed and distributed at the meeting. Minutes were accepted as distributed. Moved by Mike Rhew (KC8DBP) and seconded by Dennis Boone (KB8ZQZ).

Treasurer's report was accepted as corrected by Bruce Rainey. (50/50 earnings were not included.) Moved by Don Cote (KD8BD) and seconded by Scott Tickner (W8ATT).

There were no officer or director reports at this time.

John Ingraham (NG8L) reported 127 paid members out of 205. 48 members are receiving The Scope by e-mail. Bruce Rainey encouraged members sign up for receiving The Scope in that manner. John announced that, in order to beat next month's rush of renewals, he will be glad to accept renewals tonight. Don Cote (KD8BD) suggested that life members can still make donations, even if they no longer pay any dues. The suggestion was well taken. Bruce Rainey asked for volunteers who are willing to work on Hamfair

next year. They may approach Bruce in private. Rocky Beckner (K8DRB) echoed the benefits of advance preparation. Dan Harger (W8BCI), this year's chairman, thanked all who helped with Hamfair.

The wife of Don Rickert is on dialysis and not doing well; Dick McGuire (K18C) will send a get-well card. Don Defeyter (KC8CY) announced that Robert Mann (WB8OUD) is in Sparrow Hospital with cancer; Robert had a table at Hamfair.

Bruce announced that elections will be at next month's meeting. We will need nominations for all but two seats on the board. Don Cote (KD8BD) announced three candidates for 2-year terms: Don Hosford (KC8USB), Jane Law (KC8FSK), and Rocky Buckner (K8DRB). Roger Barnhill (AB8RX) will run for a 1-year term. Bruce Rainey (KC8ODP) will be unable to accept nomination for another term at this time.

Dick McGuire (K18C) then read a letter from Tom Shaver (KC8NJK) to CMARC, in which Tom resigned as Vice President.

Randy Stortz (K8VY) will also accept nomination for a 1-year term.

Bruce Rainey announced that we took 75 gift certificates from Fazoli's and have sold 46 so far. We have taken in \$230 as a result. If everybody who committed pays, CMARC will have a profit of \$60.

New Business

Mike Shanblatt (K8MAS) announced the licensing class scheduled for Saturday mornings between January 17 and February 21, at MSU. Each class will start with theory and end with code. Students may register by web page or by e-mail. They may also call either Mike Shanblatt or Greg Mulder. The class is free. Mike suggested that CMARC should buy new ARRL training tapes, to replace the 10-year-old tapes being used.

Mike also announced a new scholarship

from funds donated by Jerry Park, who is retired from the electrical engineering faculty at MSU. The scholarship is for an incoming freshman engineering student who is a licensed ham. QST will advertise this in the January issue and give CMARC a discount. Deadline for scholarship applicants is April 15.

Bruce Rainey reported that spectrum protection bills are pending in Congress. ARRL has asked as many as possible to submit letters to our U.S. Representative and Senator.

Gregg Mulder moved that CMARC purchase the tapes recommended by Mike Shanblatt. Bruce Rainey then suggested that the purchase might be an appropriate use of the Mark and Marilyn Humphries fund. Gregg accepted the amendment. Seconded by one of the "Dons" and approved.

Concerning the spectrum protection bill, it was moved and seconded that Bruce also write letters (same letter going to each house) on behalf of hams in the Lansing area. Approved, and Bruce agreed to write the letter.

Bruce Rainey reminded that club directories are still available and that CMARC gets \$15 for each new ARRL member joining through the club.

Gregg Mulder reported on a QSO with Easter Island, and the unique sound of aurora QSOs. Bruce reported on a 6-meter skip contact with Maine. Don Devendorf (W8EGI) announced that he has participated in every Sweepstakes.

Meeting adjourned at 8:49 p.m. Moved by Rocky Beckner (K8DRB) and seconded by Mike Rhew (KC8DBP).

Remember America's Heroes



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Lansing Civil Defense Repeater Association
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